



Cisco Video Surveillance Storage System

Cisco Video Surveillance Product Portfolio

Cisco® offers network-centric video surveillance software and hardware that supports video transmission, monitoring, recording, and management. Cisco video surveillance solutions work in unison with the advanced features and functions of the IP network infrastructure—switches, routers, and other network security devices—to enable secure, policy-based access to live or recorded video. With support for many third-party video surveillance cameras, encoders, and applications, Cisco video surveillance solutions allows customers to build best-in-class video surveillance systems that optimize cost, performance, and capability.

Cisco video surveillance products are deployed within the Cisco Intelligent Converged Environment architecture. Through this architecture, video can be accessed at any time from any place, enabling real-time incident response, investigation, and resolution. As an extension of the Cisco Self-Defending Network, the Cisco Intelligent Converged Environment enables customers to use existing investments in video surveillance and physical security while enhancing the safety of people and protection of assets. The open, standards-based Cisco infrastructure enables the deployment and control of new security applications and maximizes the value of live and recorded video.

Problems Solved

- Scalable and reliable enterprise-class video storage
- Redundant storage
- Storage lifecycle management



Cisco Video Surveillance Storage System Overview

As a complementary component of the Cisco Video Surveillance Media Server solution, the Cisco Video Surveillance Storage System provides flexible options for storing video and audio using cost-effective, IT-caliber storage devices.

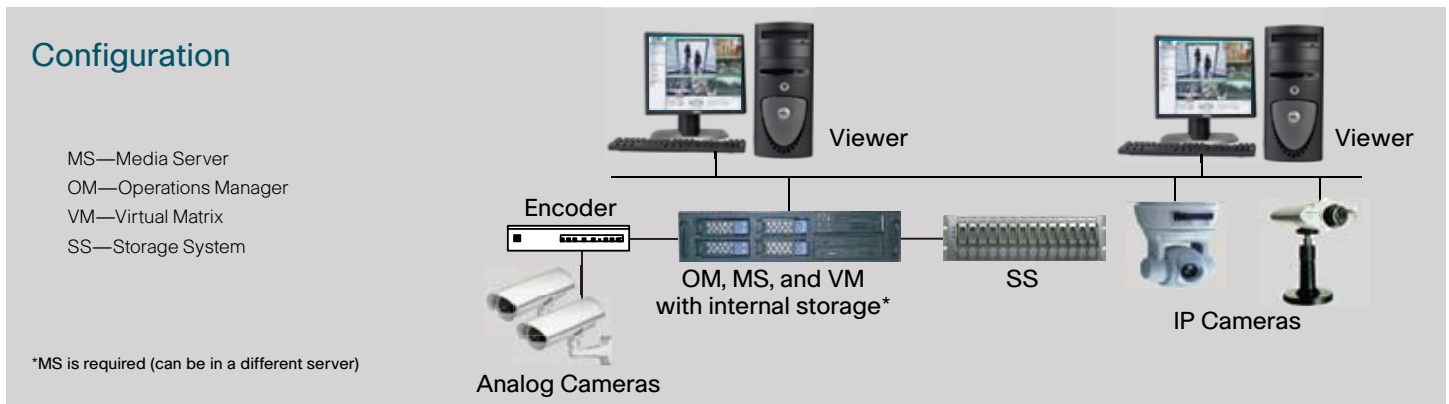
The Storage System allows the Cisco Video Surveillance Media Server's internal storage to be combined with direct attached storage (DAS) and storage area networks (SANs). As a result, video can be efficiently secured and accessed wherever it is needed, either locally or in a remote location. Video can be stored in loops, one-time archives, or event clips triggered by alarm systems to maximize storage utilization.

The Storage System enables operations managers to institute video lifecycle management rules to ensure availability of the data. Video can be stored in redundant systems or in remote long-term archives to ensure the video is available when required. Through the scalable Cisco video storage architecture, storage can be expanded as your system requirements grow.

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Storage System Benefits

- SAN and DAS configurations
- Media Server offers internal storage up to 24 TB
- SAN arrays support up to 42 TB per array, 420 TB per rack
- Redundant archives
- RAID 5 configuration available
- Optional clustering for failover protection
- Online access to video at more than 100 times faster than tape
- Redundant power supplies and RAID controllers



	Media Server Internal Storage	Storage System F Series	Storage System D Series
Connectivity	Internal	Fibre Channel	Fibre Channel
Dimensions	1, 2, 3, or 5 U rack units	3 U rack units	4 U rack units
Gross capacity	.5 to 24 TB	4 to 10.5 TB	14 to 42TB
RAID 5 capacity	1 to 22TB	3 to 9 TB	12.5 to 37 TB
Cache	–	512 MB	512 MB
Host interfaces	IDE	2 Fibre Channel	2 Fibre Channel
Data transfer rates	100 Mbps	2 Gbps	2 Gbps
RAID level	–	0, 1, 5	0, 1, 5
Power	–	Redundant power supply	Dual redundant power supply

Why Cisco

Cisco technologies and convergence expertise help businesses and organizations improve their return on investment and lower their total cost of ownership. With vast experience in digital video, including video surveillance, Cisco engineers understand how to use the power of an IP network to deliver new, innovative capabilities in a highly scalable and secure manner. As a trusted advisor and networked physical security user, Cisco has helped forward-thinking organizations maximize the value of their systems, personnel, and applications for more than 20 years. With deployments in transportation, airports, military, education, municipalities, retail, and more, the Cisco Video Surveillance Manager products meets the uncompromising needs of today's safety and security professionals.

Contact your Cisco account team or Cisco Physical Security Authorized Technology Provider today for a personal demonstration, and to learn more about how Cisco can help you ensure the safety and security of people and assets while unlocking the true value of your video system.

For more information see: www.cisco.com/go/videosurveillance or Call 1-877-235-5477